

10-10 Steering Wheel & Column Switches

OPEL (Cont.)

2) Unscrew slide-off base from underside of instrument panel and remove upper part of signal switch housing cover. Place thick piece of wood on front seat and allow steering column to rest on it.

3) Centerpunch shear-head bolts for lock bracket; drill and remove bolts. Remove steering and ignition lock and signal switch assemblies from mast jacket, and loosely attach slide-off base below instrument panel.

4) To remove lock cylinder from its housing, place key in position "1" and push in cylinder lock spring with a stiff wire. Cylinder can now be withdrawn.

Installation – 1) When installing a new turn signal switch, also use a new bearing and snap ring in the switch assembly. Install switch and lock assemblies in position using new shearhead bolts.

2) Disconnect slide-off base, replace upper half of turn signal switch housing cover and loosely reattach slide-off base. Attach steering mast jacket at front of dash panel.

3) Torque slide-off base attaching nuts. Install lower half of steering column cover and reconnect wire harness. Install steering wheel.

PORSCHE

911
914

STEERING WHEEL & HORN BUTTON

NOTE – 911 models use a steering wheel with a collapsible portion built into the wheel hub. Care must be exercised when handling this steering wheel. The 914 models use the non-collapsible steering wheel.

Removal – Align front wheels in a straight-ahead position. Disconnect battery ground strap. Grasp horn bar/protective cover and push down rotating counterclockwise. Pull out horn contact finger. Loosen steering wheel retaining nut. Mark position of wheel to mainshaft and using a puller, remove wheel from splines. Take off support ring and compression ring as equipped.

Installation – To install steering wheel, reverse removal procedure and note the following: Lightly lubricate horn contact finger with electrical contact grease before reinstalling.

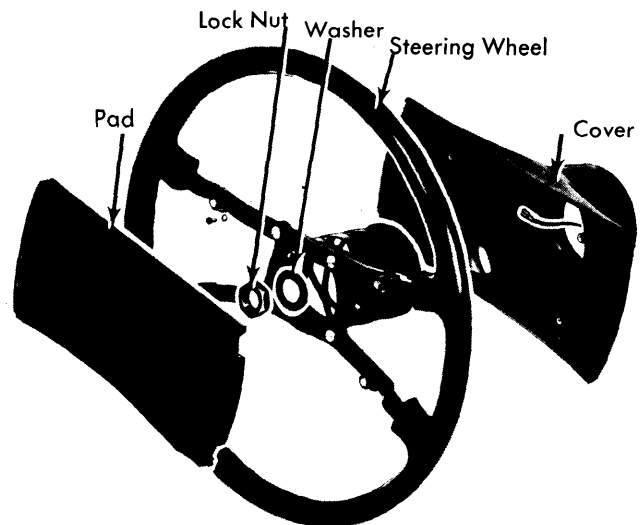


Fig. 1 Porsche 911 Steering Wheel and Related Components

RENAULT

R-12
R-15
R-17

HORN CONTROL & STEERING WHEEL

Remove horn button (center pad), unscrew steering wheel retaining nut, then pull steering wheel from shaft, using suitable puller (Dir. 21.A). When installing wheel, set front wheels in straight-ahead position and place steering wheel on shaft with spokes horizontal. Torque steering wheel nut. Replace center pad.

TURN SIGNAL & LIGHTING SWITCH

After removing steering wheel, unscrew and separate column cover. Disconnect return spring on flasher switch. Mark position of electrical connections to switch, then detach wiring. Disconnect return spring on turn signal switch. Remove lighting switch securing bolts and remove switch from column.

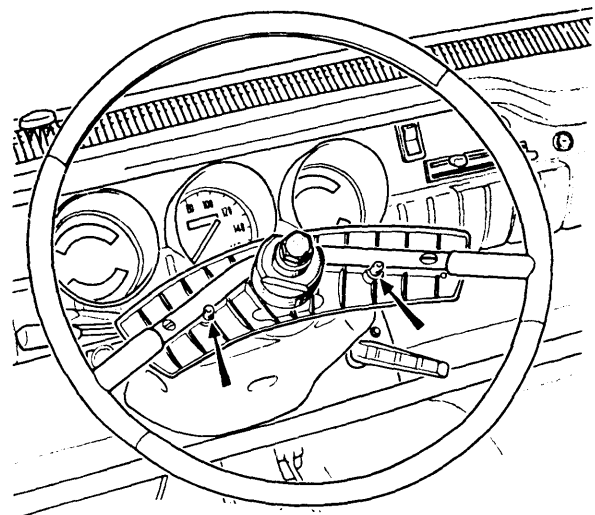


Fig. 1 Location of Pad Fitting Pins